

中国真片叶蜂属（膜翅目，叶蜂科）四新种

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摘要 记述采自中国河南的真片叶蜂属 4 新种：短室真片叶蜂 *Eutomostethus brevicellus* Wei et Niu, sp. nov., 狭突真片叶蜂 *Eutomostethus lineituberalis* Wei et Niu, sp. nov., 白腹真片叶蜂 *Eutomostethus albiventralinus* Wei et Niu, sp. nov. 和假亮真片叶蜂 *Eutomostethus pseudometallius* Wei et Niu, sp. nov.。新种模式标本保存于湖南长沙中南林业科技大学昆虫模式标本室。

关键词 膜翅目，叶蜂科，蔺叶蜂亚科，新种，中国。
中图分类号 Q969.542.6

真片叶蜂属 *Eutomostethus* Enslin 是膜翅目 Hymenoptera 叶蜂科 Tenthredinidae 蔺叶蜂亚科 Blennocampidae 中第 1 大属。因为本属的定义尚需要进一步确定，因此本属世界已知种类目前尚难以准确统计，但估计已知种类数不少于 95 种，这已经远远超出本亚科第 2 大属、分布于南美已知种类约 50 种的 *Waldheimia* Brulle, 1846。本属主要分布于东亚中南部，本区已知种类已经超过 90 种。本区之外，欧洲记载 4~5 种，北美分布 2 种，这 2 种可能是欧洲传入种类。在东亚地区，印度（北部）已经记载 45 种 (Saini et al., 2005)，日本记载 9 种；中国目前已经记载 35 种 (Wei et al., 2006)，但中国实际分布的本属种类可能不少于 80 种，中南林业科技大学昆虫模式标本室目前收藏的种类数已经超过 60 种。本文报道采自中国河南的真片叶蜂属 4 新种。包括这 4 个新种，河南省已经报道本属种类达 12 种。

真片叶蜂属 *Eutomostethus* 的主要识别特征为：触角第 3 节明显长于第 4 节，端部 4 节明显短缩；唇基截形；复眼大，下缘间距窄于眼高；中胸前侧片前部具发达的胸腹侧片；前足胫节内端距简单，端部不分叉；爪无基片，内齿小型或缺；前翅 2A+3A 脉较长，端部向上弯曲，cr a 脉中位；后翅 M 室封闭，Rs 室封闭，臀室具长柄；阳茎瓣无侧刺突和侧叶。

新种模式标本保存于湖南长沙中南林业科技大学昆虫模式标本室。

短室真片叶蜂，新种 *Eutomostethus brevicellus* Wei et Niu, sp. nov. (图 1~4, 17)

♀ 体长 6~7 mm。体黑色。体毛黑褐色。翅烟褐色，翅痣和翅脉黑褐色。

头胸部光滑，唇基、内眶上部和上眶后缘具细弱刻点，颜面刻纹不明显，头部背侧和胸部无明显刻点，小盾片后缘具少许微细刻点，附片光滑。腹部背板无明显的微细刻纹。

头部正面观宽显著大于长；唇基前缘微弱凸出；复眼大型，内缘向下强烈收敛，间距稍窄于眼高；颞眼距细线状，几乎缺如；中窝较宽深，底部圆形，具一低弱中纵脊；侧窝沟状，明显深于中窝；额区前部明显宽于中后部，近前单眼处显著凹陷，额脊较低平，弯曲度小；额区前缘横脊低弱；单眼中沟点状，后沟中部宽深，两侧细浅；单复眼距：后单眼距：单眼后头距=10:7:8；单眼后区显著隆起，约等高于单眼顶面，宽长比约等于 2.2；侧沟十分宽深，中部弯曲，向后微弱收敛；上眶宽平；背面观后头等于复眼 1/3，两侧显著收缩；后颊脊低弱，伸至后眶下部 1/3 处；触角正常，等长于头胸部之和，短于前翅 C 脉，第 1 节主体部和第 2 节长均大于宽，第 3 节与第 4 节之比约为 20:11，第 8 节长宽比约为 1.2，鞭节中部稍粗于中部和基部。胸腹侧片宽平；后胸淡膜区宽，间距等长于淡膜区 1/2 宽。前足胫节内距无膜叶；后足基跗节稍长于其后 3 节之和；爪小型，无基片，端齿不十分细长，内齿较小，中位。前翅 2r 脉位于 2Rs 室端部 1/3 处，2nr cu 位于 2Rs 室内侧 2/5 处，1M 脉基部微弱弯曲，与 1nr cu 脉亚平行，向翅痣稍收敛，前翅 2Rs 室微弱长于 1R1+1Rs 室之和，cr a 脉中位稍偏外侧。后翅 M 室封闭，臀室柄

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2 倍长于 *cr a* 脉, R1 室端部尖。产卵器稍短于后足胫节 (10: 11), 侧面观鞘端 1.5 倍长于鞘基, 端部窄圆; 锯腹片 21 刃, 锯刃亚三角形突出, 中部锯刃无内侧亚基齿, 外侧亚基齿 4~5 个, 节缝刺毛带密集, 互相连接。第 9~11 锯刃构造如图 1。

♂ 未知。

分布: 河南, 湖北。

词源: 本种前翅 2Rs 室较短, 仅微弱长于 1R1 + 1Rs 室之和, 以此命名。

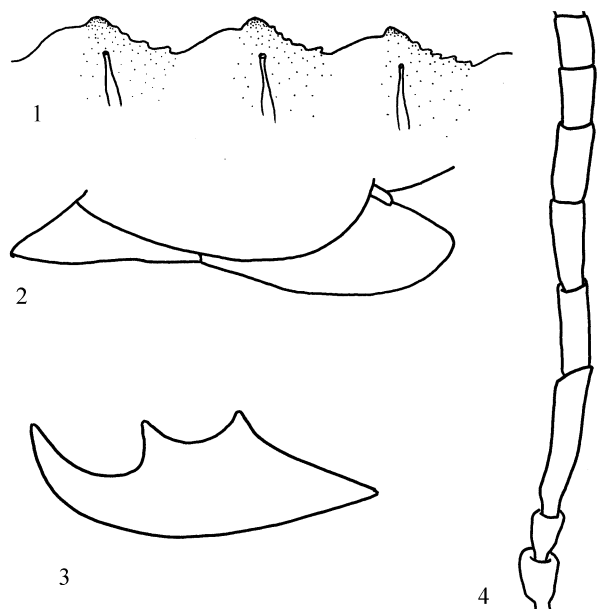


图 1~4 短室真片叶蜂, 新种 *Eutomostethus brevicellus* Wei et Niu, sp. nov.

1. 雌虫锯腹片 9~11 锯节 (9th-11th serrulae) 2. 锯鞘 (sheath) 3. 爪 (claw) 4. 触角 (antenna)

正模 ♀, 湖北咸丰坪坝营, 1500 m, 1999-07-21, 邓铁军; 副模 2 ♀, 河南栾川, 1996-07-13, 魏美才, 田润刚; 1 ♀, 陕西安康化龙山, 2100 m, 2003-06-27, 于海丽; 1 ♀, 贵州雷公山林场, 1600 m, 2005-05-31, 梁雯。

鉴别特征 本种与 *E. wangae* Wei, 2002 和 *E. metallialis* Sato, 1912 近似, 但本种腹部黑色, 无青蓝色光泽; 唇基端缘微弱突出, 额区前部明显宽于中后部, 额脊较窄, 弯曲度小, 额窝宽大, 底部平坦, 非横沟形, 锯腹片锯刃亚三角形突出, 无内侧亚基齿, 外侧亚基齿 4~5 枚, 与后两种不同。

狭突真片叶蜂, 新种 *Eutomostethus linatuberculus* Wei et Niu, sp. nov. (图 5~9, 18~19)

♀ 体长 6 mm。体黑色。体毛黑褐色。翅浓烟褐色, 翅痣和翅脉黑褐色。

头胸部具细弱的小刻点, 具光泽; 上颚基部刻

点密集; 唇基具稍大刻点; 额区无明显刻纹和小刻点; 中胸小盾片后缘刻点细弱稀疏, 附片和后小盾片光滑无刻点; 腹部背板具显著的微细刻纹。

头部正面观宽显著大于长; 唇基前缘弧形微弱凸出; 复眼大型, 内缘向下强烈收敛, 间距微弱宽于眼高; 颞眼距细线状, 几乎缺如; 触角窝上突和中窝侧臂狭高, 向后互相平行; 中窝较宽深, 底部圆形, 前侧中间具一圆型突, 后侧具一显著的中纵沟; 侧窝宽沟状, 稍深于中窝; 额区前部明显宽于中后部, 近前单眼处明显凹陷, 额脊较直, 后端稍弯曲, 窄细; 单眼中沟宽深, 后沟宽浅; 单复眼距: 后单眼距: 单眼后头距 = 13: 7: 8; 单眼后区明显隆起, 约等高于单眼顶面, 宽长比约为 1.9; 侧沟宽深, 中部弯曲, 明显向后分歧; 上眶宽平; 背面观后头等长于复眼 1/2, 两侧明显收缩; 后颊脊低弱, 伸至后眶中部。触角稍短于头胸部之和, 第 1 节主体部和第 2 节长均大于宽, 第 3 节长为第 4 节 1.5 倍, 第 8 节长宽比稍小于 2。胸腹侧片宽平。前足胫节内距无膜叶; 后足基跗节稍长于其后 3 节之和; 爪小型, 无基片, 端齿不十分细长, 内齿中等大, 明显短于端齿, 中位。前翅 2r 脉位于 2Rs 室中部, 2nrcu 脉位于 2Rs 室内侧 1/3 处, 1M 脉基部稍弯曲, 与 1nrcu 脉平行, 1R1 + 1Rs 室之和长于 2Rs 室, *cr a* 脉中位。后翅 M 室封闭, 臀室柄 1.3 倍长于 *cr a* 脉。腹部第 1 背板膜区三角形, 锯鞘稍短于后足胫节, 鞘端长于鞘基 (30: 23), 端部窄圆; 锯腹片丢失。

♂ 与雌虫相似; 但颞眼距阙如, 复眼内缘间距窄于眼高, 前翅 2r 脉位于 2Rs 室外侧 1/3, 后翅臀室柄 1.5 倍于 *cr a* 脉长, 下生殖板长稍大于宽, 端部圆钝, 抱器短宽, 内腹角突出 (图 9), 阳茎瓣头部亚圆形, 腹缘具 1 排明显的侧齿列 (图 8)。

分布: 河南。

词源: 本种触角窝上突和中窝侧臂狭高, 以此命名。

正模 ♀, 河南嵩县白云山, 1600 m, 2002-07-20, 姜吉刚; 副模: 1 ♂, 河南嵩县白云山, 1600 m, 2002-07-20, 姜吉刚; 1 ♂, 河南嵩县白云山, 1650 m, 2002-07-18, 姜吉刚。

鉴别特征 本种与 *E. coriaceus* Wei, 2002 近似, 但后颊脊短, 仅伸至后眶中部; 中窝侧臂显著低于额区, 很细, 向后互相平行; 额区无刻纹, 腹部各节背板刻纹均十分密集; 雌虫后翅臀室柄 1.2 倍长于 *cr a* 脉, 与后者不同, 容易鉴别 (后者后颊脊发达, 伸至后眶上端; 额区具明显刻纹, 腹部 1~2 背板刻纹明显较其他背板刻纹强; 后翅臀室柄 2 倍长

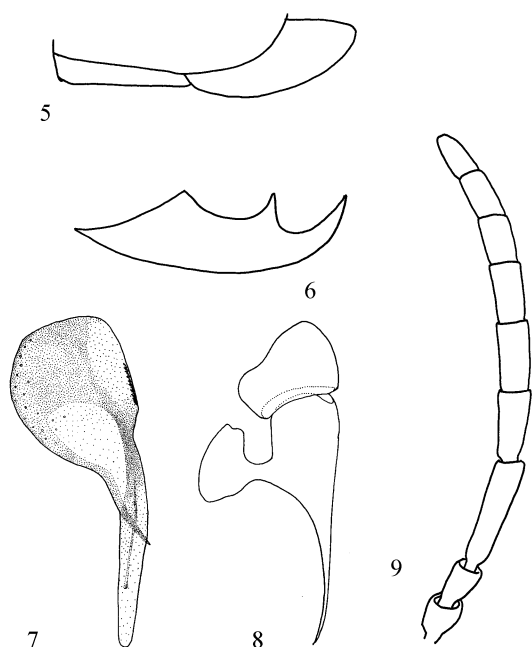


图5~9 狭突真片叶蜂, 新种 *Eutomostethus linatuberculatus* Wei et Niu, sp. nov.

5. 锯鞘 (sheath) 6. 爪 (claw) 7. 触角 (antenna) 8. 阳茎瓣 (penis valve) 9. 抱器和副阳茎 (harpe and parapenis)

于 *cur a* 脉; 中窝侧臂与额区等高, 较粗, 向后显著分枝)。

白腹真片叶蜂, 新种 *Eutomostethus albiventralinus* Wei et Niu, sp. nov. (图10~13, 20)

♀ 体长6 mm。体黑色; 口须、前胸背板两侧和后缘、翅基片、中胸前上侧片浅褐色; 腹部背板大部暗褐色, 各节背板折缘和腹板黄褐色。足黄白色, 端跗节和爪暗褐色。体毛褐色。翅浅褐色透明, 翅痣和翅脉黑褐色。

体具光泽; 头部背侧无明显刻点和刻纹, 上颚基部和唇基具少数刻点。中胸背板前叶前部具细弱刻点; 中胸小盾片无明显刻点。腹部背板光滑无刻纹。

头部正面观宽显著大于长; 唇基前缘近平截; 复眼大型, 内缘向下明显收敛, 内缘下间距短于眼高; 颞眼距细线状, 几乎缺如; 触角窝上突隆起, 向后稍分枝; 中窝较宽深, 底部圆形, 前侧中间具小圆型瘤突; 侧窝宽沟状; 额区亚圆型, 台状隆起, 额脊低钝宽平, 中单眼前凹圆坑状; 单眼中沟宽深, 后沟细浅; 单复眼距: 后单眼距: 单眼后头距= 10: 7: 8; 单眼后区稍隆起, 微低于单眼顶面, 宽约2倍于长; 侧沟十分宽深, 向后平行; 上眶宽平; 背面观后头明显短于复眼1/3, 两侧强烈收缩; 后颊脊低弱, 伸至后眶中部。触角短于头胸部之和, 第1节主体

部长大于宽, 第2节长约等于宽, 第3节和第4节长度比约为4:3, 第8节长宽约为2。胸腹侧片宽平; 腹部第1背板膜区宽扁三角形。前足胫节内距具膜叶; 后足基跗节明显长于其后3节之和, 后足胫节显著长于跗节; 爪小型, 无基片, 端齿细长, 内齿较小, 中位。前翅2r脉位于2Rs室亚中部, 2m_{cu}脉位于2Rs室内侧1/3处, 1M脉与1m_{cu}脉向翅痣微弱收敛, 1R1+1Rs室之和等长于2Rs室, *cur a*脉中位。后翅M室封闭, 臀室柄几乎1.6倍长于*cur a*脉。锯鞘稍短于后足胫节, 鞘端长于鞘基(26:20), 端部窄圆; 锯腹片22~23锯齿, 锯齿微弱突出, 中部锯齿具1枚内侧亚基齿, 8~10枚亚基齿(图11), 节缝刺毛带较窄, 中下部相接触。

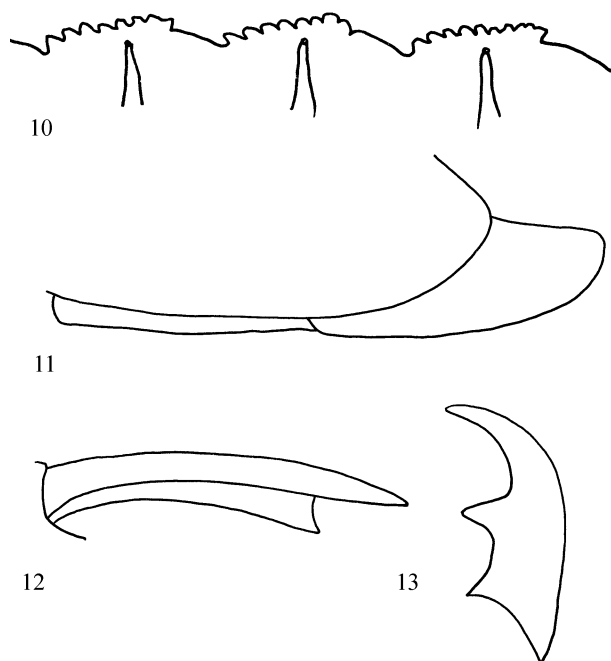


图10~13 白腹真片叶蜂, 新种 *Eutomostethus albiventralinus* Wei et Niu, sp. nov.

10. 雌虫锯腹片9~11锯节(9th 11th serrulae) 11. 锯鞘 (sheath) 12. 胫距 (spur) 13. 爪 (claw)

♂ 未知。

分布: 河南。

词源: 本种腹部腹板黄白色, 以此命名。

正模 ♀, 河南嵩县白云山, 1650 m, 2002-07-19, 姜吉刚。

鉴别特征 本种于 *E. albipes* Wei, 2002稍近似, 但本种胸部黑色, 腹部背板缘折和腹部腹板黄白色, 足黄白色, 单眼后区宽长比等于2, 锯腹片锯齿微弱突出, 与后者不同(后者胸部大部红褐色, 腹部全部黑色, 前足股节大部黑褐色, 单眼后区宽长比明显小于2, 锯腹片锯齿强烈突出)。

假亮真片叶蜂, 新种 *Eutomostethus pseudometallicus*

Wei et Niu, sp. nov. (图 14~16, 21~22)

♀ 体长 6~7 mm。体黑色。体毛黑褐色。翅烟褐色, 翅痣和翅脉黑褐色。

头胸部光滑, 额区和唇基具刻点, 颜面刻纹不明显, 胸部无明显刻点, 中胸背板前叶具少许刻点, 小盾片后缘无微细刻纹。腹部背板光滑, 无刻纹和刻点。

头部正面观宽显著大于长; 唇基前缘平截; 复眼大型, 内缘向下强烈收敛, 下缘间距稍窄于眼高; 颧眼距细线状, 几乎缺如; 中窝较宽深, 底部圆形, 具 1 较低但明显的中纵脊, 中窝侧臂较宽, 向后明显分歧; 侧窝纵沟状, 底部具 1 圆形瘤突, 稍深于中窝; 额区小, 近扇形, 近前单眼处稍凹陷, 额脊较窄, 弯曲度小; 单眼中沟宽浅, 后沟细浅; 单复眼距: 后单眼距: 单眼后头距 = 5: 3: 4; 单眼后区强烈隆起, 等高于单眼顶面, 宽约 2.3 倍于长; 侧沟宽深, 向后微弱分歧; 背面观后头明显短于复眼 1/2, 两侧显著收缩; 后颊脊低弱, 伸至后眶下部 1/3 处。触角短于头胸部之和, 第 1 节主体部和第 2 节长均大于宽, 第 3 节长为第 4 节 1.5 倍, 第 8 节长宽比约为 1.5。胸腹侧片宽平; 小盾片附片长约 1.5 倍于单眼直径。腹部第 1 背板膜区三角形。前足胫节内距无膜叶; 后足基跗节稍长于其后 3 节之和; 爪小型, 无基片, 端齿不延长, 内齿较小, 中位。前翅 2r 脉位于 2Rs 室外侧 1/3~1/4, 2m-cu 脉位于 2Rs 室内侧 3/8 处, 1M 脉稍弯曲, 与 1m-cu 脉向翅痣微弱收敛, 1R₁+1R_s 室之和几乎不短于 2Rs 室, cu-a 脉位于 M 室外侧 2/5。后翅 M 室封闭, 臀室柄几乎 2 倍长于 cu-a 脉, 具很长的赘脉。产卵器稍短于后足胫节, 微长于后足跗节; 锯鞘端长于鞘基 (6: 5), 端部宽圆; 锯腹片 22 刃, 中基部锯齿微弱突出, 稍倾斜, 中端部锯齿低平, 中部锯齿具 2 枚内侧亚基齿和 19~20 枚外侧亚基齿, 9~11 锯齿如图 16; 节缝刺毛带宽阔连接。

♂ 体长 5 mm。体色和构造和雌虫相似。颧眼距阙如, 复眼内缘下间距显著窄于眼高, 下生殖板长大于宽, 端部圆突; 抱器如图 14; 阳茎瓣腹缘具 1 排明显的侧齿列 (图 15)。

分布: 河南。

词源: 本种与 *E. metallicus* Sato, 1912 近似, 故以 *pseudometallicus* 命名。

正模 ♀, 河南嵩县白云山, 1600 m, 2002-07-20, 姜志刚。副模: 3♀♀, 河南栾川, 1996-07-13, 魏美才; 2♀♀, 河南栾川, 1996-07-13, 田润刚; 2♀♀, 河南栾川, 1996-07-15, 魏美才; 1♀, 河南栾

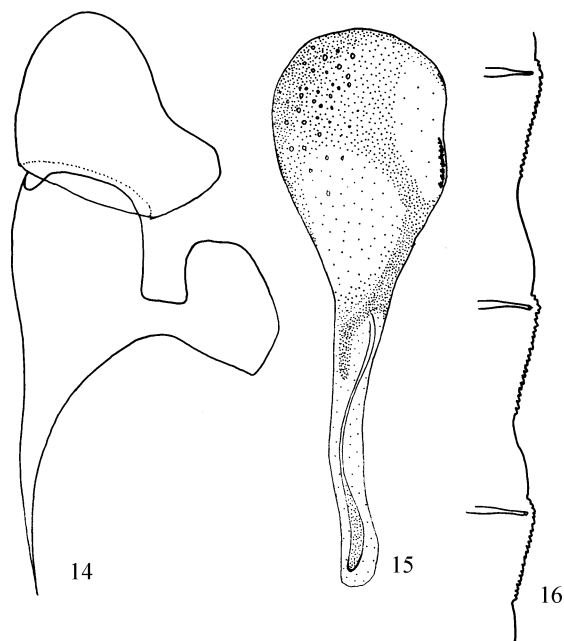


图 14~16 假亮真片叶蜂, 新种 *Eutomostethus pseudometallicus* Wei et Niu, sp. nov.

14. 雄虫阳茎瓣 (penis valve) 15. 雄虫抱器和副阳茎 (harpe and parapenis) 16. 雌虫锯腹片 9~11 锯齿 (9th~11th serrulae)

川, 1996-07-17, 魏美才; 1♀, 河南信阳鸡公山, 1997-07-10, 魏美才; 1♀, 河南内乡保天曼, 1300 m, 1998-07-13, 魏美才; 1♂, 河南内乡保天曼, 1600 m, 1998-07-15, 魏美才; 2♀♀, 10♂♂, 河南嵩山三皇寨, 1200 m, 2002-07-17, 姜志刚; 2♀♀, 2♂♂, 河南嵩县白云山, 1650 m, 2002-07-17, 姜志刚; 2♀♀, 河南嵩县白云山, 1500 m, 2003-07-19, 贺应科; 1♀, 河南嵩县白云山, 1500 m, 2003-07-19, 梁雯; 1♀, 河南嵩县白云山, 1500 m, 2003-07-20, 贺应科; 1♀, 河南栾川龙峪湾, 1600 m, 2003-07-29, 梁雯; 1♀, 河南嵩县天池山, 1300 m~1400 m, 2004-07-14, 刘卫星; 1♀, 河南嵩县白云山, 1500 m~1600 m, 2004-07-15, 张少冰; 1♀, 陕西终南山 (33°59'N, 108°58'E), 1555 m, 2006-05-27, 朱巽; 1♀, 陕西太白山 (34°07'N, 107°53'E), 1580 m, 2007-07-12, 朱巽; 1♀, 河北涞水县百里峡 (39°39'N, 115°29'E), 472 m, 2008-06-24, 李泽建; 1♀, 河北紫金山黑龙潭 (37°01'N, 113°47'E), 911 m, 2008-05-22, 李泽建; 1♀, 河北紫金山鸣琴谷 (37°01'N, 113°47'E), 825 m, 2008-05-22, 李泽建; 10♂♂, 河北涞源县白石山 (39°12'N, 114°42'E), 1820 m, 2008-06-25, 李泽建。

鉴别特征 本种与 *E. brevicellus* Wei, sp. nov. 近似, 但前翅 2Rs 长大, 约等长于 1R₁+1R_s 之和;

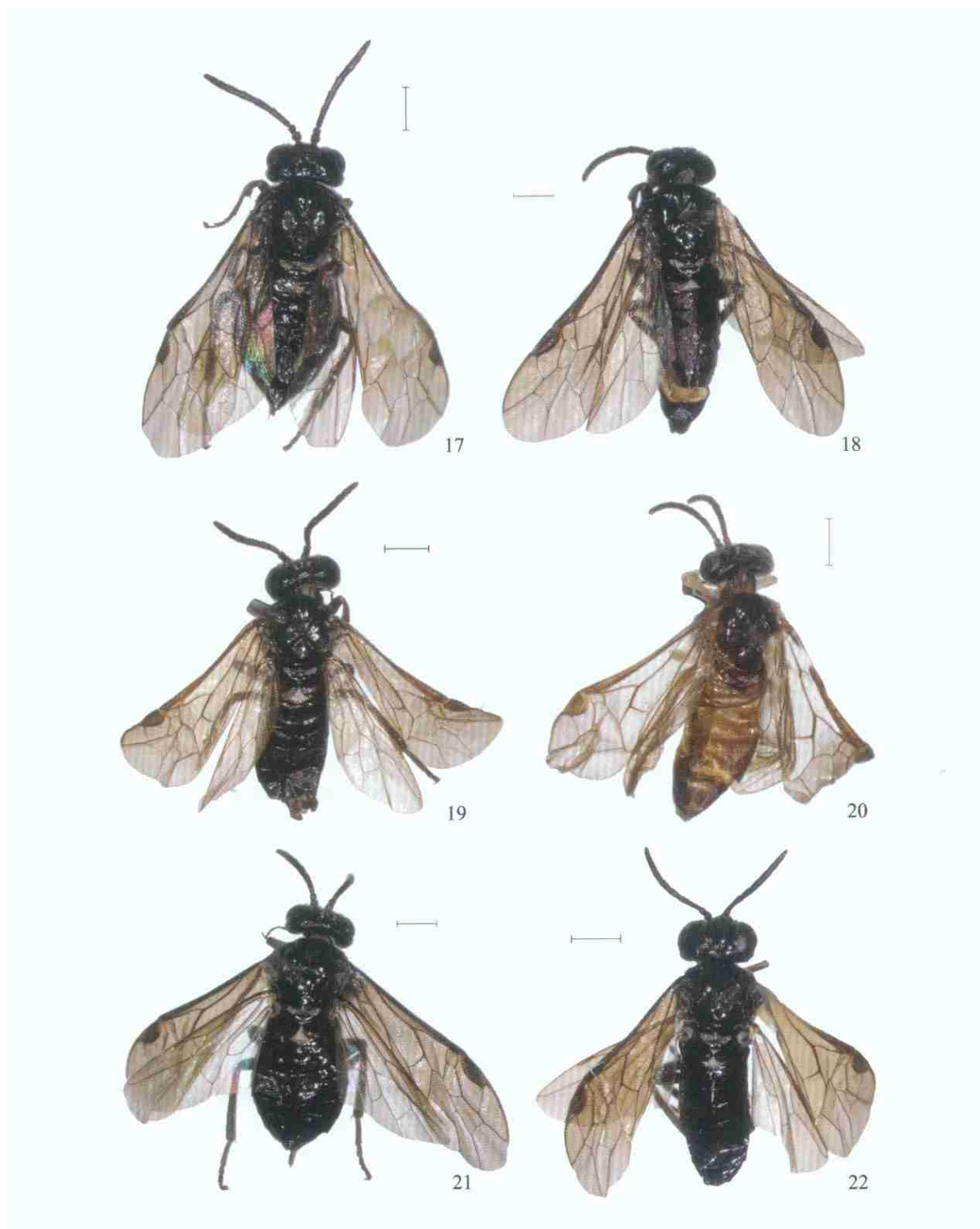


图 17~ 22 成虫背面观 (adult, dorsal view)

17. 短室真片叶蜂, 新种 *Eutomostethus braviellus* Wei et Niu, sp. nov. ♀ 18~ 19. 狭突真片叶蜂, 新种 *Eutomostethus linatuberculus* Wei et Niu, sp. nov. 18. ♀ 19. ♂ 20. 白腹真片叶蜂, 新种 *Eutomostethus albiventrinus* Wei et Niu, sp. nov. ♀ 21~ 22. 假亮真片叶蜂, 新种 *Eutomostethus pseudometallius* Wei et Niu, sp. nov. 21. ♀ 22. ♂ 比例尺 (scale bars) = 1 mm

锯腹片锯刃低平, 中部锯刃具 2 枚内侧亚基齿和 19~ 20 枚外侧亚基齿, 与后者不同 (后者前翅 2Rs 较小, 稍短于 1R1+ 1Rs 之和; 锯腹片锯刃突出, 中部

锯刃无内侧亚基齿, 具 4~ 5 枚外侧亚基齿)。本种与 *E. metallius* Sato, 1912 也比较近似, 但本种腹部黑色, 无青蓝色光泽, 额区前部明显宽于中后部,

额脊较窄, 弯曲度小, 额窝宽大, 底部平坦, 非横沟形等于该种不同。

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FOUR NEW SPECIES OF EUTOMOSTETHUS FROM CHINA (HYMENOPTERA, TENTHREDINIDAE)

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Abstract Four new sawfly species of *Eutomostethus* Enslin, *E. bravicellus* Wei et Niu, sp. nov., *E. lineituberalis* Wei et Niu, sp. nov., *E. albiventralis* Wei et Niu, sp. nov. and *E. pseudometallicus* Wei et Niu, sp. nov. are described from Henan Province, China. Type specimens of the new species are kept in the Insect Collection of Central South University of Forestry and Technology, Changsha, Hunan Province, China.

Eutomostethus bravicellus Wei et Niu, sp. nov.

(Figs 1-4, 17)

Female. Body length 6-7 mm. This species is similar to *E. wangae* Wei, 2002 and *E. metallialis* Sato, 1912, but is different from the latter two species in abdomen black without metallic blue luster, anterior margin of clypeus slightly protruding, anterior part of front wider than middle and hind parts, frontal wall narrow, slightly curved, frontal basin large and broad with flat bottom, serrulae triangularly protruding, each with 4-5 posterior

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subbasal teeth and without anterior any subbasal tooth.

Holotype ♀, Pingbaying (1 500 m), Xianfeng, Hubei, 21 July 1999, DENG Tie-Jun. Paratypes: 2 ♀ ♀, Luanchuan, Henan Province, China, 13 July 1996, WEI Mei-Cai, TIAN Run-Gang; 1 ♀, Mt. Hualong, Shaanxi Province, China, 27 July 2003, YU Hai-Li; 1 ♀, Leigongshan Forest Park (1 600 m), Guizhou, 31 May 2005, LIANG Mirr-Wen.

Etymology. The specific epithet is derived from the combination of the Latin word “*brevi-*” and “*cellus*”, which refers to cell 2Rs short.

Eutomostethus lineituberculus Wei et Niu, sp. nov.

(Figs. 5-9, 18-19)

Female. Body length 6 mm. This species is similar to *E. coriaceus* Wei, 2002, but differs from the latter in occipital carina short and only reaching middle part of posterior orbit; lateral ridges of middle fovea very narrow and parallel, distinctly lower than frons, frons hardly sculptured; abdominal tergites densely microsculptured; petiole of hind anal cell in female 1.2 times as long as vein *c*_ua (in *E. coriaceus* Wei occipital carina developed, reaching upper part of posterior orbit; frons microsculptured distinctly, abdominal tergites 1-2 sculptured strongly than rest tergites; petiole of hind anal cell 2 times as long as vein *c*_ua, lateral ridges of middle fovea as high as front, broad and divergent backward).

Holotype ♀, Mt. Baiyun (1 600 m), Songxian, Henan Province, 20 July 2002, JIANG Ji-Gang. Paratypes: 1 ♂, Mt. Baiyun (1 650 m), Songxian, Henan Province, 20 July 2002, JIANG Ji-Gang; 1 ♂, Mt. Baiyun (1 650 m), Songxian, Henan Province, 18 July 2002, JIANG Ji-Gang.

Etymology. The specific epithet is derived from the combination of the Latin word “*linei-*” and “*tuberculus*”, which refers to distinct supra-antennal tubercles.

Eutomostethus albiventralinus Wei et Niu, sp. nov.

(Figs. 10-13, 20)

Female. Body length 6 mm. This species is somewhat similar to *E. albipes* Wei, 2002, but can be separated by thorax black, the ventral parts of abdominal tergites, sternites and legs yellow white, postocellar area broader than long as 2:1, serrulae slightly protruding (in *E. albipes* Wei, thorax largely reddish brown, abdomen entirely black, fore femur largely black brown, postocellar area distinctly less than 2 times as broad as long, serrulae strongly protruding).

Holotype ♀, Mt. Baiyun (1 650 m), Songxian, Henan Province, China, 19 July 2002, JIANG Ji-Gang.

Etymology. The specific epithet is derived from the combination of the Latin word “*albi-*” and “*ventralinus*”, which refers to ventral parts of abdominal segments yellow white.

Eutomostethus pseudometallicus Wei et Niu, sp. nov.

Key words Hymenoptera, Tenthredinidae, *Eutomostethus*, new species, China.

(Figs. 14-16, 21-22)

Female. Body length 6-7 mm. This species is similar to *E. braccellus* Wei, sp. nov., but differs from the latter species in the cell 2Rs large and as long as the cell 1R1 and 1Rs together, serrulae flat and the middle ones each with 2 anterior and 19-20 posterior subbasal teeth (in *E. braccellus* Wei the cell 2Rs small, shorter than the length of the cells 1R1 and 1Rs together, serrulae protruding and the middle ones each with 4-5 posterior subbasal teeth and without anterior tooth). This species is also similar to *E. metallicus* Sato, 1912, but differs from it in abdomen black without bluish metallic luster, apical part of frons wider than the middle and posterior parts, frontal wall narrow and feebly curved, frontal basin broad and large with flat bottom.

Holotype ♀, Mt. Baiyun (1 600 m), Songxian, Henan Province, 20 July 2002, JIANG Ji-Gang. Paratypes: 3 ♀ ♀, Luanchuan, Henan Province, 13 July 1996, WEI Mei-Cai; 2 ♀ ♀, Luanchuan, Henan Province, 13 July 1996, TIAN Run-Gang; 2 ♀ ♀, Luanchuan, Henan Province, 15 July 1996, WEI Mei-Cai; 1 ♀, Luanchuan, Henan Province, 17 July 1996, WEI Mei-Cai; 1 ♀, Mt. Jigong, Xinyang, Henan Province, 10 July 1997, WEI Mei-Cai; 1 ♀, Baotianman (1 300 m), Neixiang, Henan Province, 13 July 1998, WEI Mei-Cai; 1 ♂, Baotianman (1 600 m), Neixiang, Henan Province, 15 July 1998, WEI Mei-Cai; 2 ♀ ♀, 10 ♂ ♂, Sanghuangzhai (1 200 m), Songshan, Henan Province, 17 July 2002, JIANG Ji-Gang; 2 ♀ ♀, 2 ♂ ♂, Mt. Baiyun (1 650 m), Songxian, Henan Province, 17 July 2002, JIANG Ji-Gang; 2 ♀ ♀, Mt. Baiyun (1 500 m), Songxian, Henan Province, 19 July 2003, HE Ying-Ke; 1 ♀, Mt. Baiyun (1 500 m), Songxian, Henan Province, 19 July 2003, LIANG Mirr-Wen; 1 ♀, Mt. Baiyun (1 500 m), Songxian, Henan Province, 20 July 2003, HE Ying-Ke; 1 ♀, Longyuwan (1 600 m), Luanchuan, Henan Province, 29 July 2003, LIANG Mirr-Wen; 1 ♀, Mt. Tianchi (1 300-1 400 m), Songxian, Henan Province, 14 July 2004, 1 ♀, Mt. Baiyun (1 500-1 600 m), Songxian, Henan Province, 15 July 2004, ZHANG Shao-Bing; 1 ♀, Mt. Zhongnan (33°59'N, 108°58'E, 1 555 m), 27 May 2006, ZHU Xun; 1 ♀, Mt. Taibai (34°07'N, 107°53'E, 1 580 m), 12 July 2007, ZHU Xun; 1 ♀, Bailixia (39°39'N, 115°29'E, 472 m), Laishui, Hebei Province, 24 June 2008, LI Ze-Jian; 1 ♀, Heilongtan (37°01'N, 113°47'E, 911 m), Mt. Zijin, Hebei Province, 22 May 2008, LI Ze-Jian; 1 ♀, Mingqing (37°01'N, 113°47'E, 825 m), Mt. Zijin, Hebei Province, 22 May 2008, LI Ze-Jian; 10 ♂ ♂, Mt. Baishi (39°12'N, 114°42'E, 1 820 m), Laiyuan, Hebei Province, 25 June 2008, LI Ze-Jian.

Etymology. This species is named after the closest relatives.